

FIG. 1

FIG.2

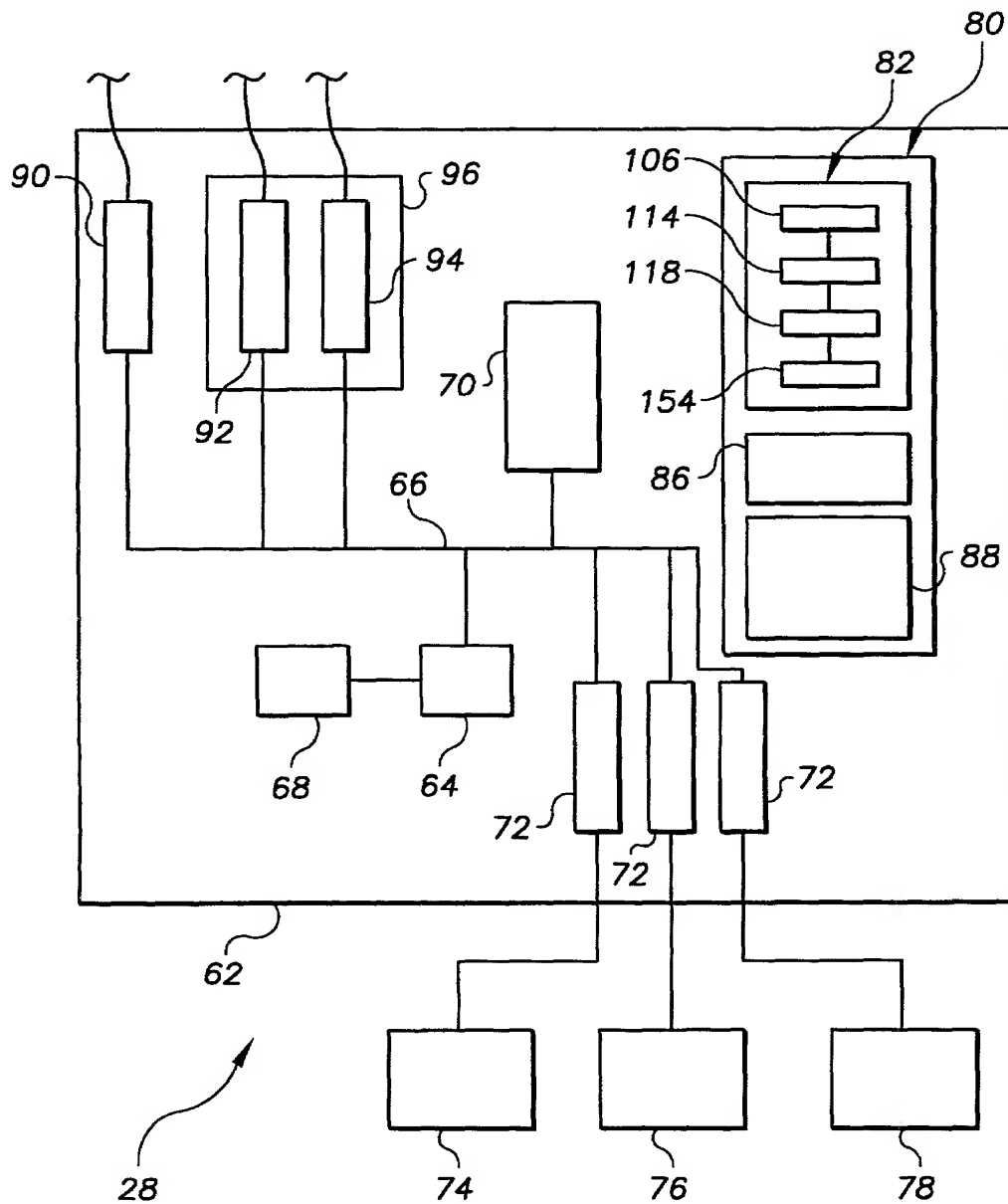


FIG. 3-1

The Fringe Counter V2.0



TO FIG.
3-3

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SYSTEM AND METHOD FOR AUTOMATED
FRINGE COUNTING USING IMAGE INFORMATION
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TO FIG. 3-2

98

FIG. 3

FIG. 3-1 100	FIG. 3-3 102
FIG. 3-2 104	

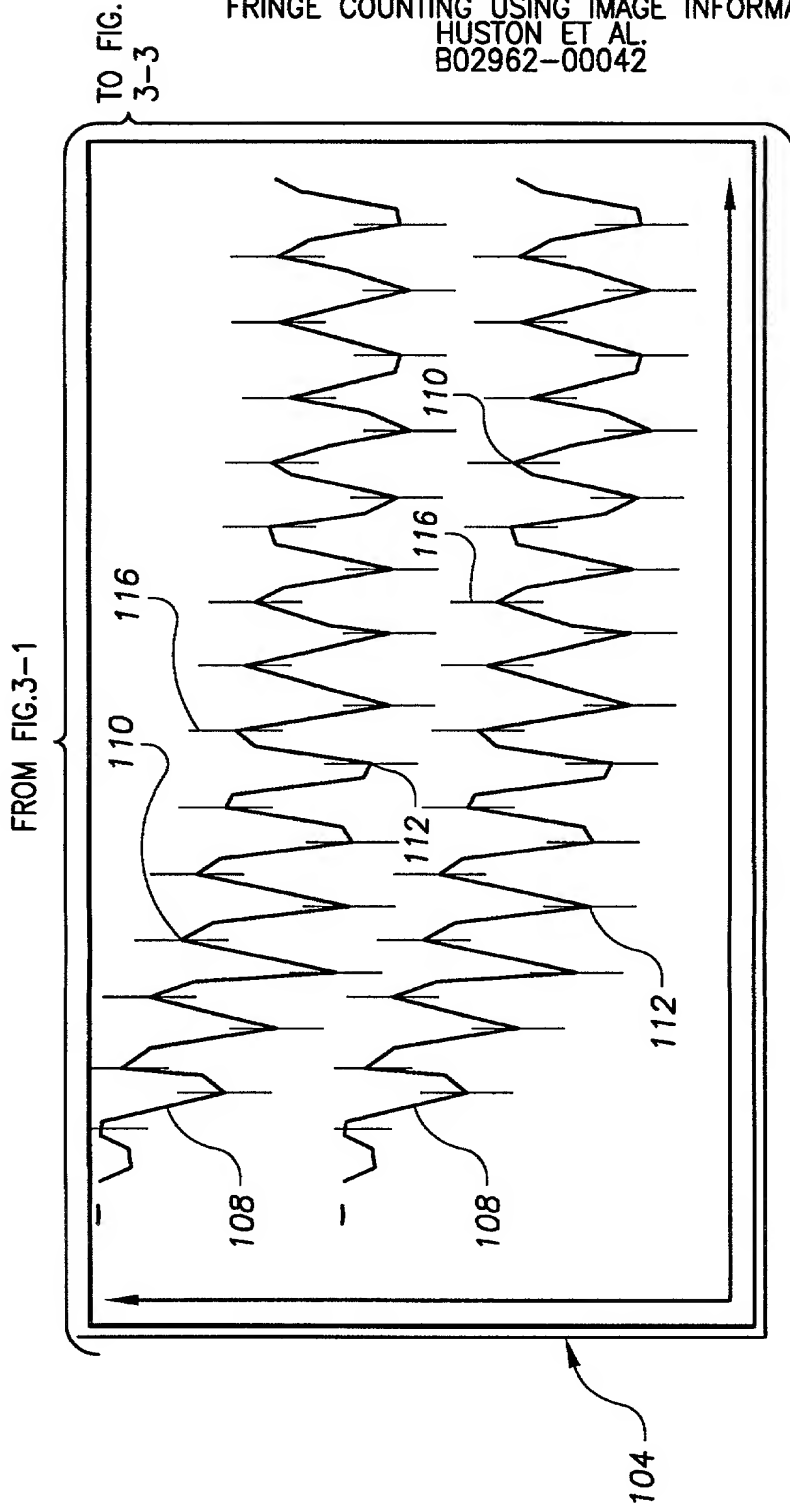


FIG. 3-2

FIG.3-3

FROM FIG.3-1

142

152

FROM FIG.3-2

Camera View Control

Brightness 130

Contrast 132

Refresh Frequency: 30 Hz

Inflating Control

Maximum Pressure: 4 kPa

Inflating Speed: 0.5

Times of Measurement 144 1 x

Start Pause Stop

Analysis Control

Sensitivity beginning: 3

Sensitivity end: 3

☐ Manual Check

Calculation Control

Shape: quadratic ▾

Edge Length: 1.25 mm

Thickness: 2 μ m

Poisson: 0.275

Files

Chose Output File

Name: out.dat

Chose Location of Maple

Manual Check

Finish 156

Results

Display 166

120

134

136

122

138

140

146

148

124

150

102

158

160

126

162

164

128

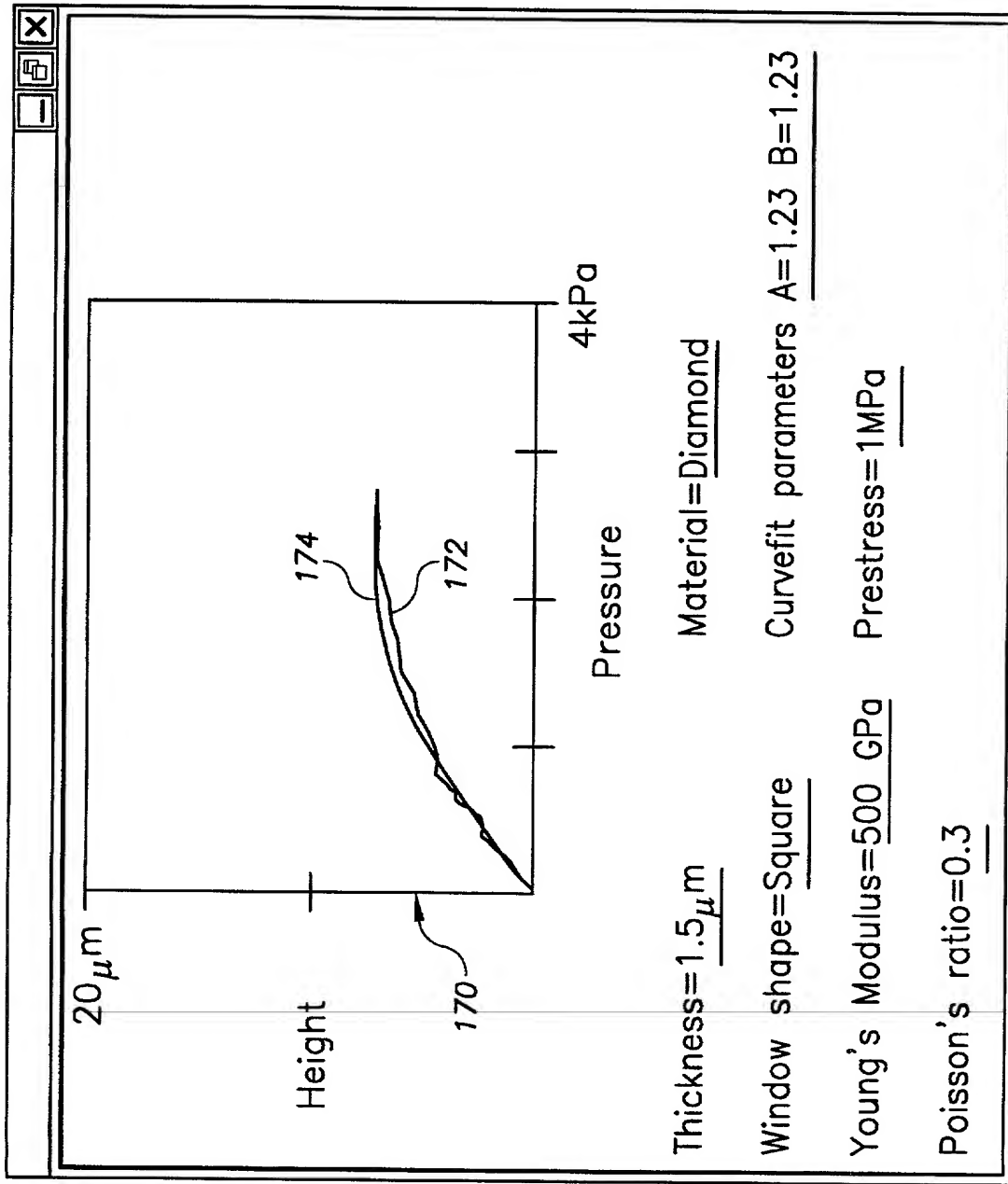
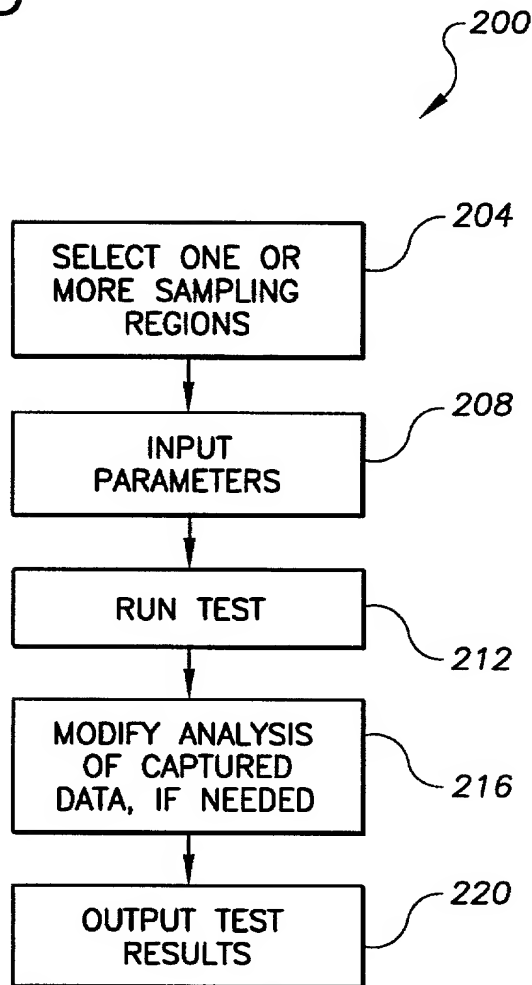


FIG. 5



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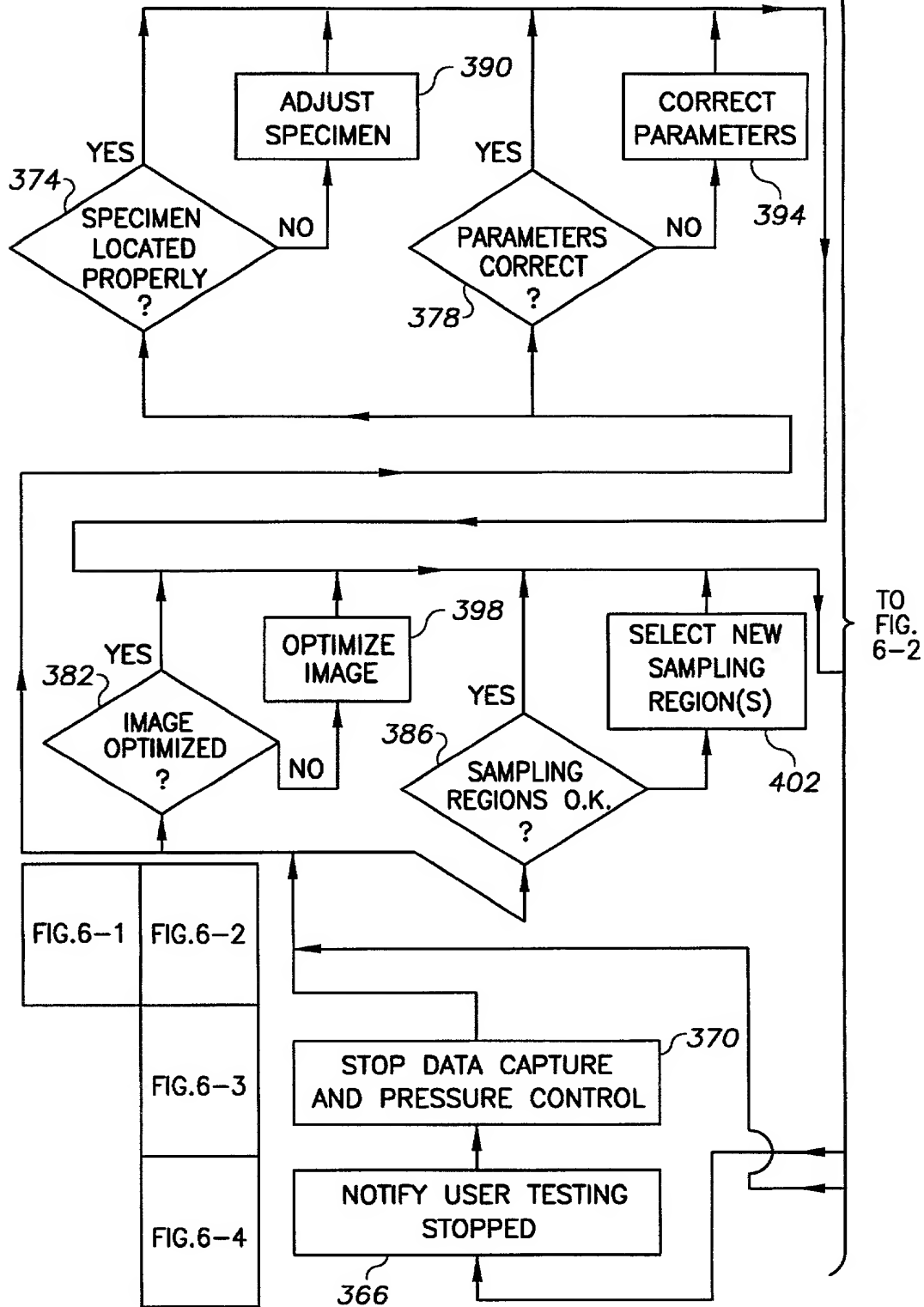
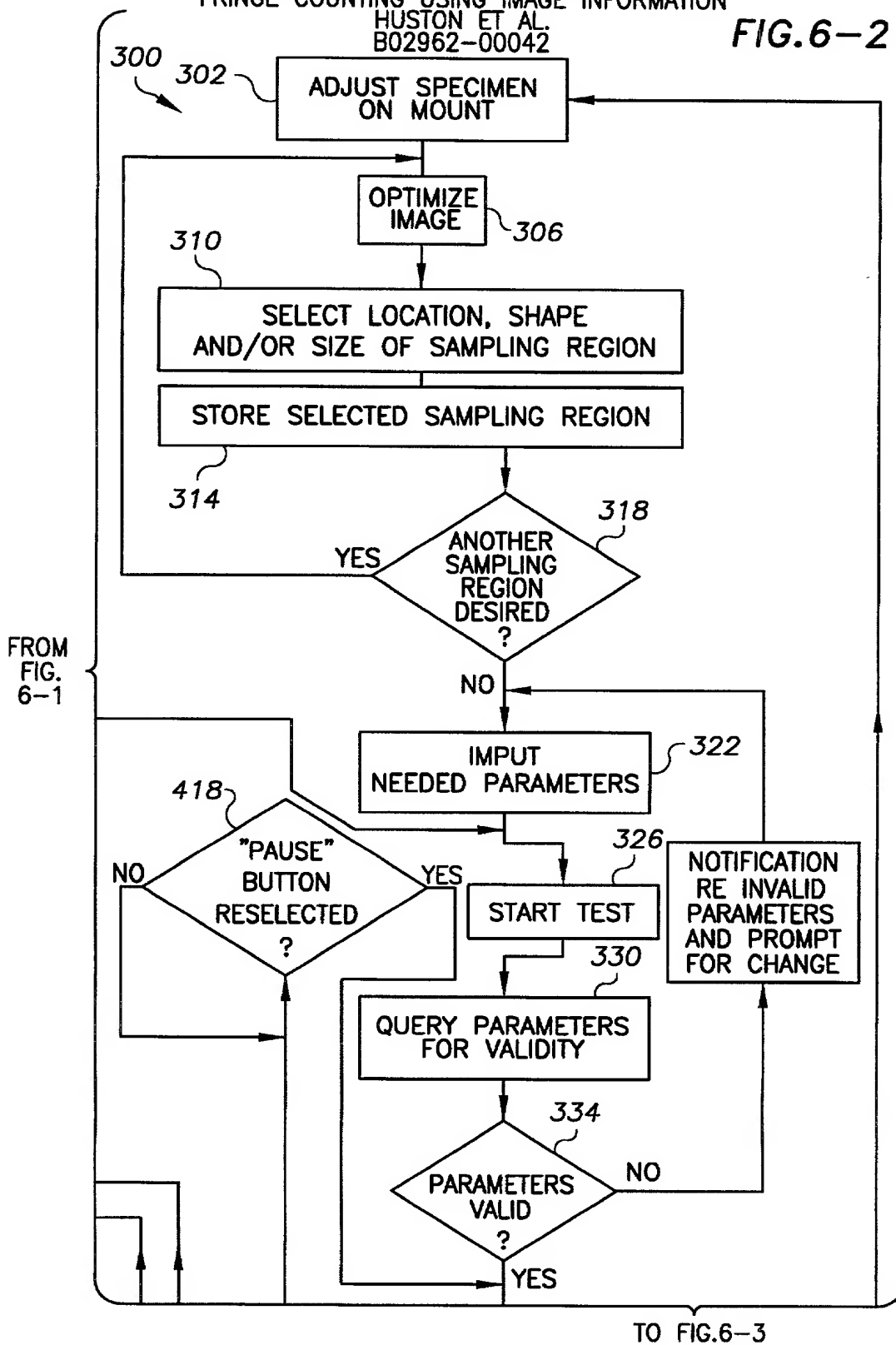
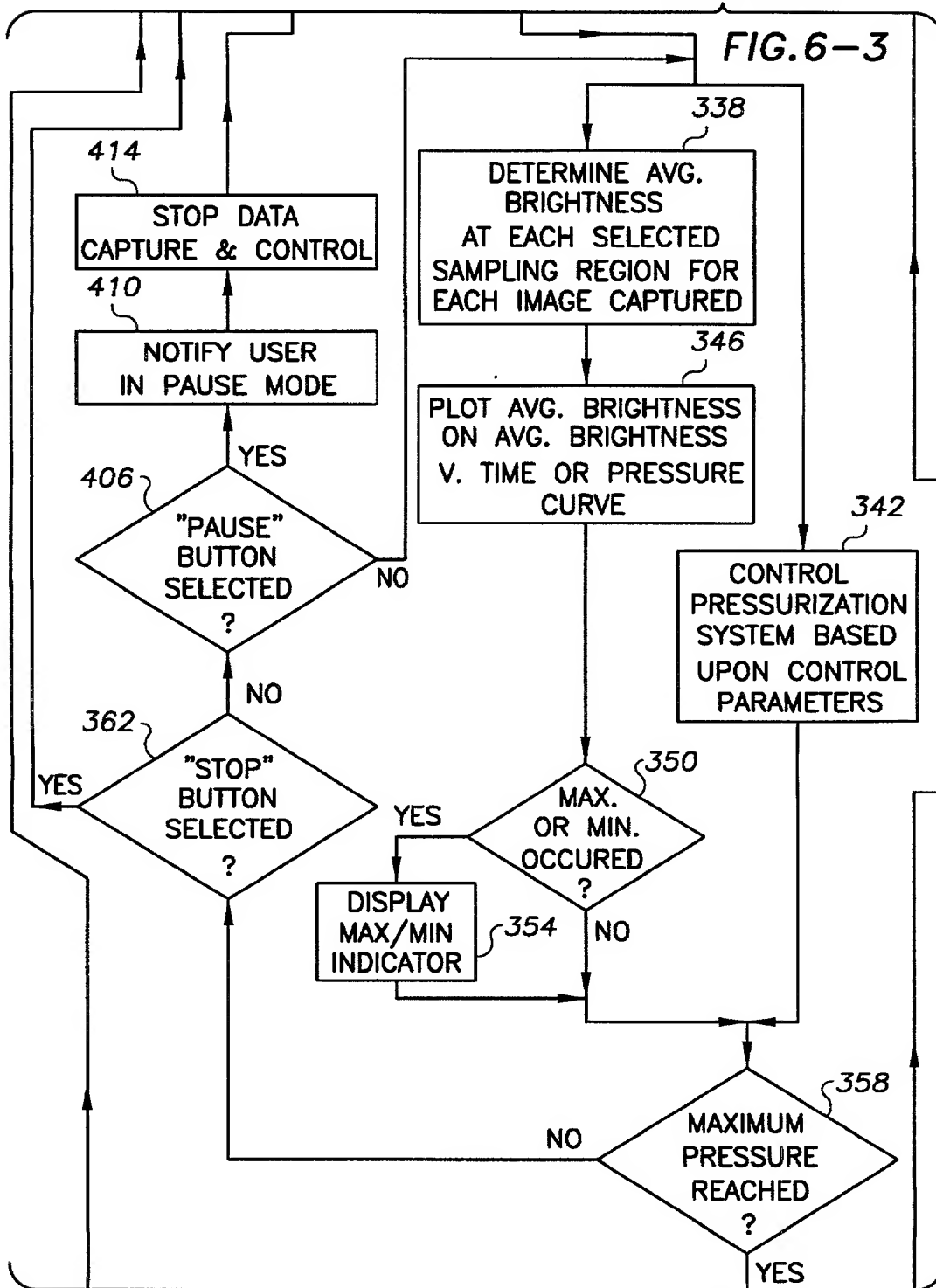


FIG.6-2



FROM FIG.6-2

FIG.6-3



TO FIG.6-4

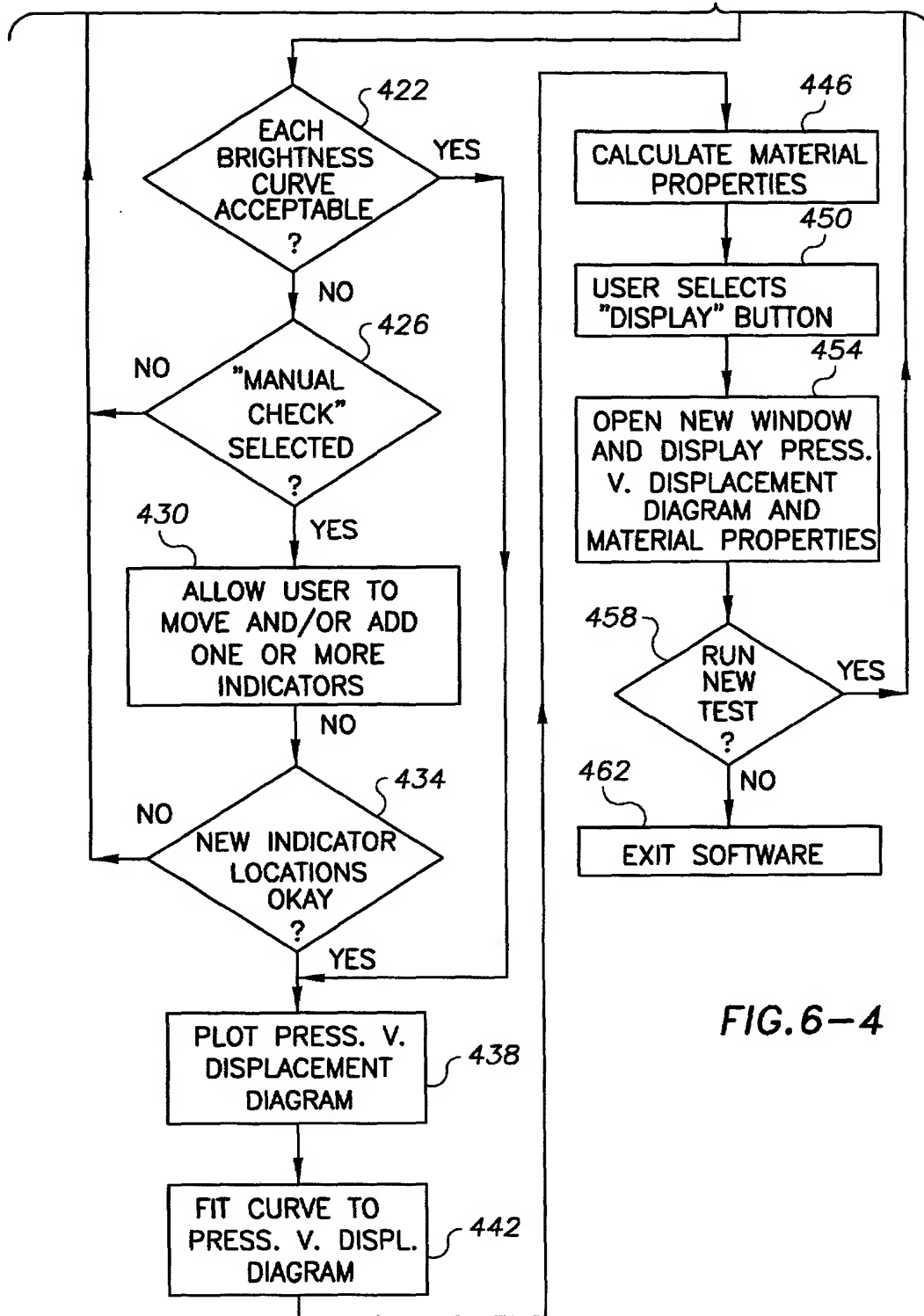


FIG.6-4